

**FIGURE 1**

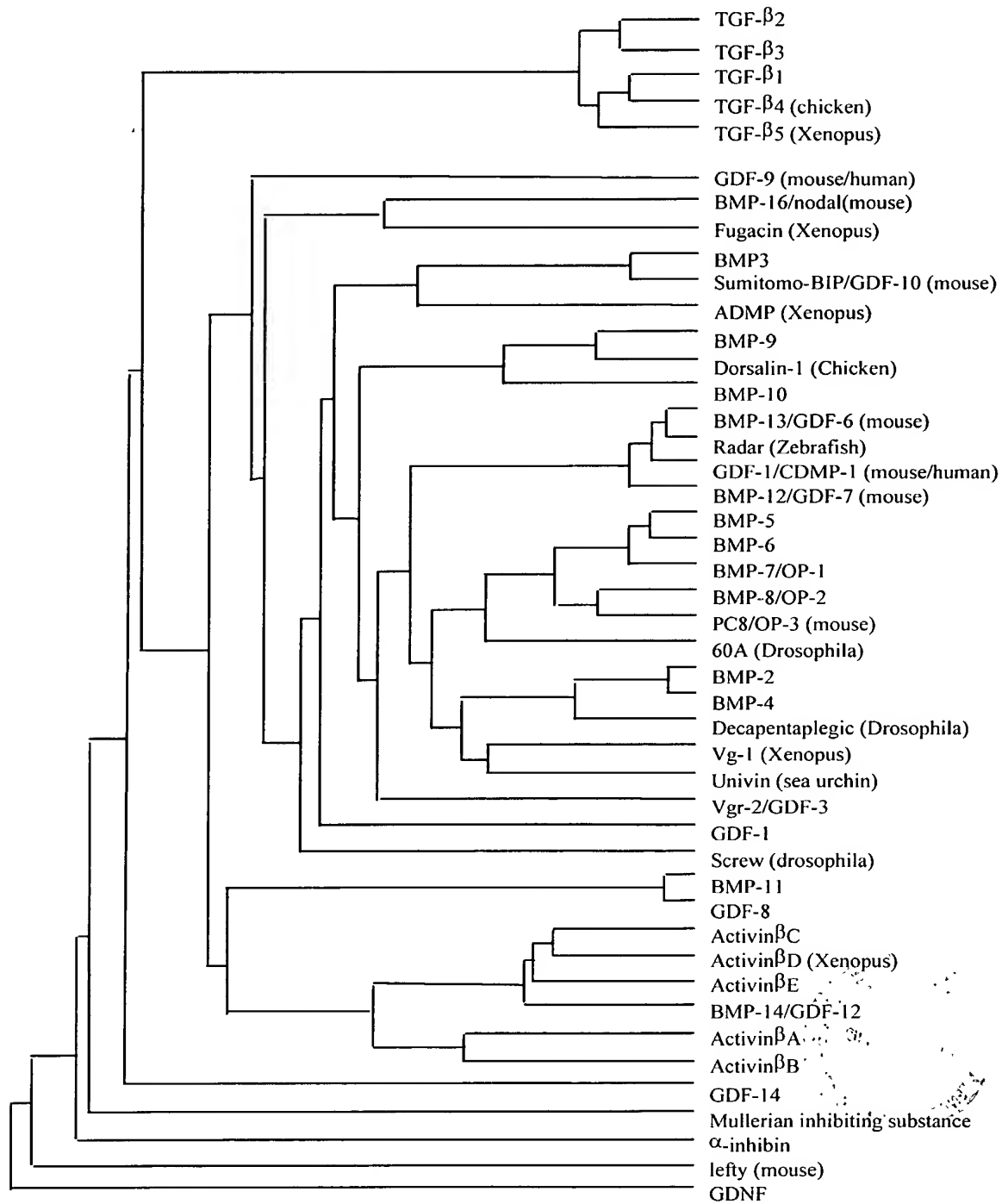


FIGURE 2A

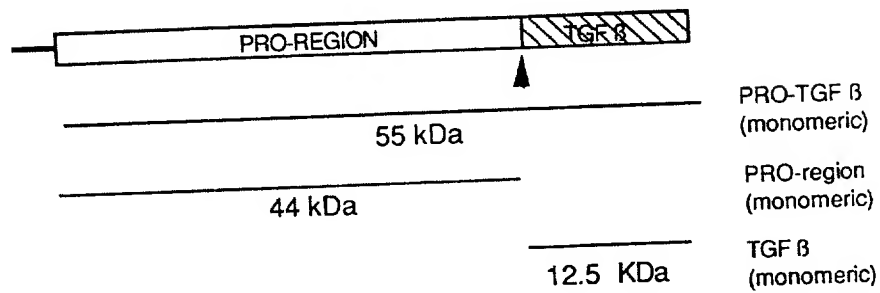
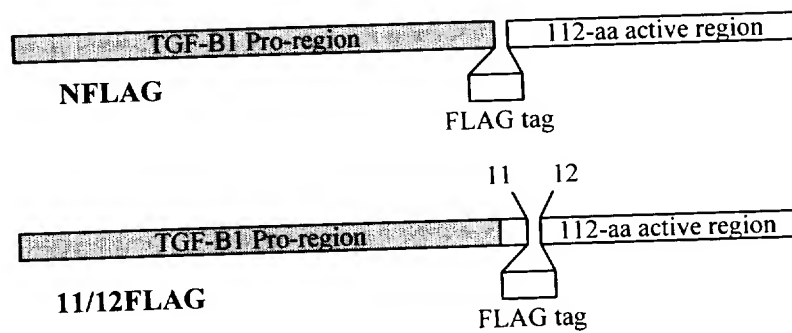
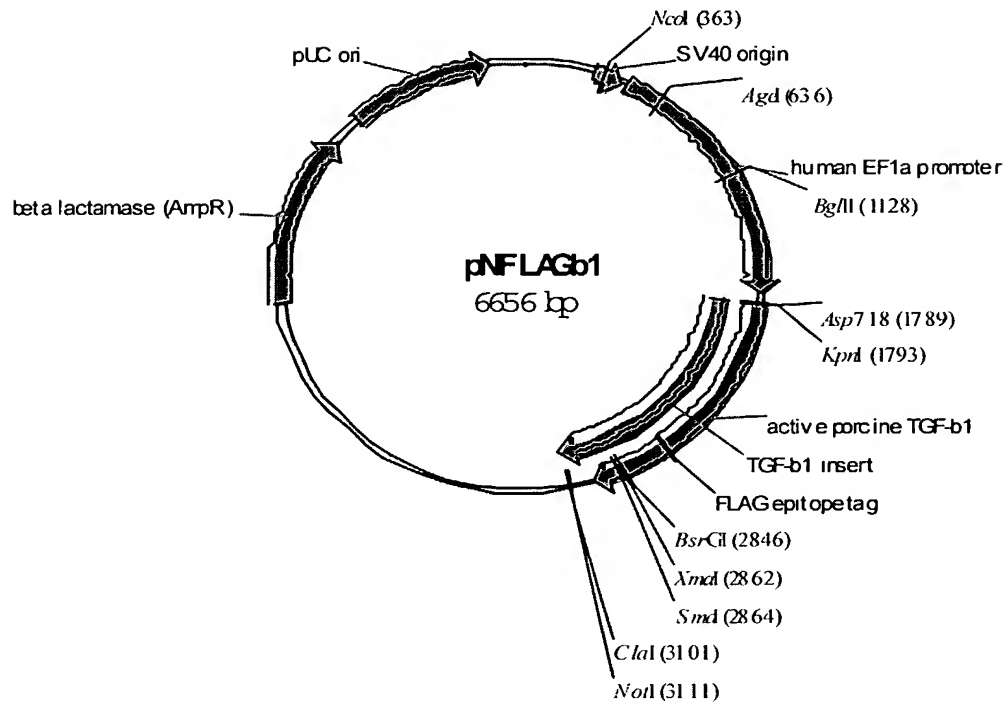


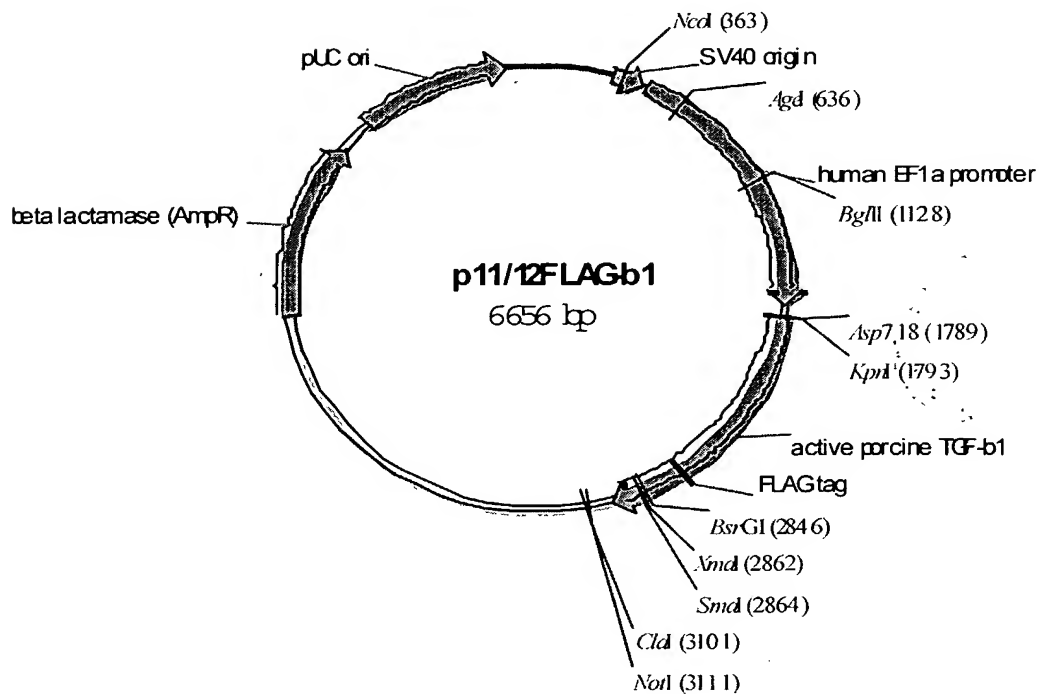
FIGURE 2B

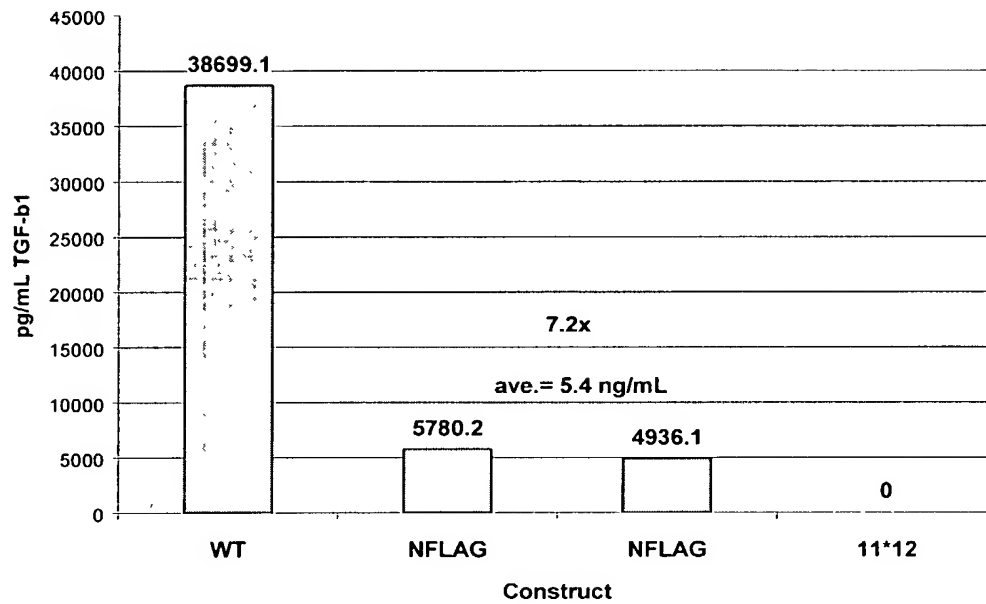
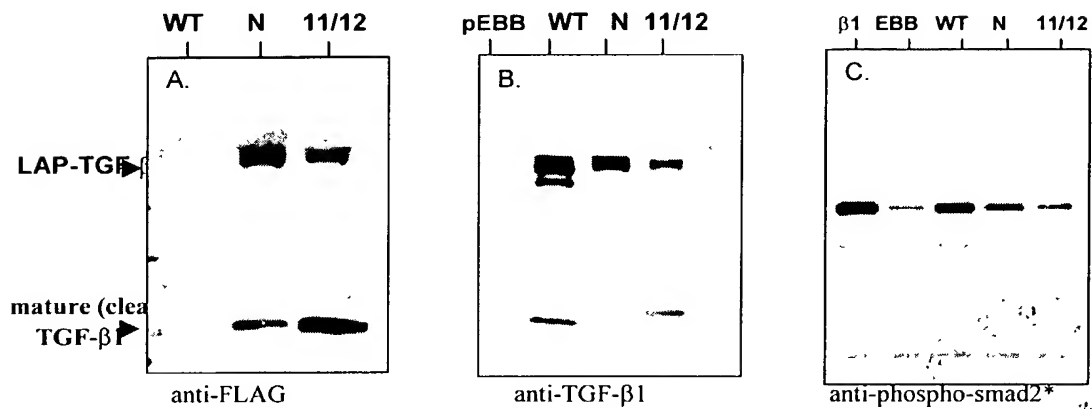


**FIGURE 3A**



**FIGURE 3B**



**FIGURE 4A****FIGURE 4B**

**FIGURE 5**

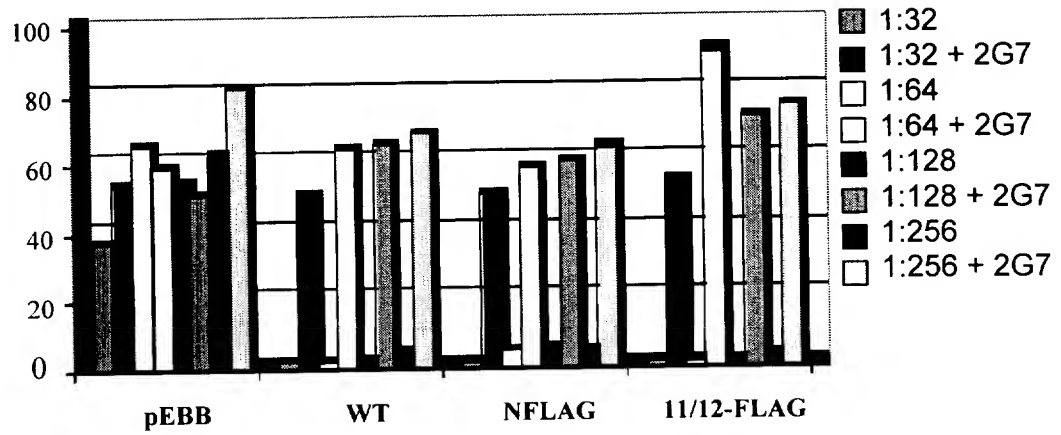


FIG 6A

N-FLAG-TGF- $\beta$ 1:

```

                S S R H R R ↓ D Y K D D D D
2601          AGCTCCCG GCACCGCGA GACTACAAGG ATGACGACGA
                TCGAGGGC CGTGGCGGCT CTGATGTTCC TACTGCTGCT
                K A L D T N Y C F S S T E K N C
2651 CAAGGCCCTG GATACCAACT ACTGCTTCAG CTCCACGGAG AAGAACTGCT
                GTTCCGGGAC CTATGGTTGA TGACGAAGTC GAGGTGCCTC TTCTTGACGA
                C V R Q L Y I D F R K D L G W K W
2701 GCGTGCGGCA GCTCTACATT GACTTCCGGA AGGACCTGGG CTGGAAGTGG
                CGCACGCCGT CGAGATGTAA CTGAAGGCCT TCCTGGACCC GACCTTCACC
    
```

FIG 6B

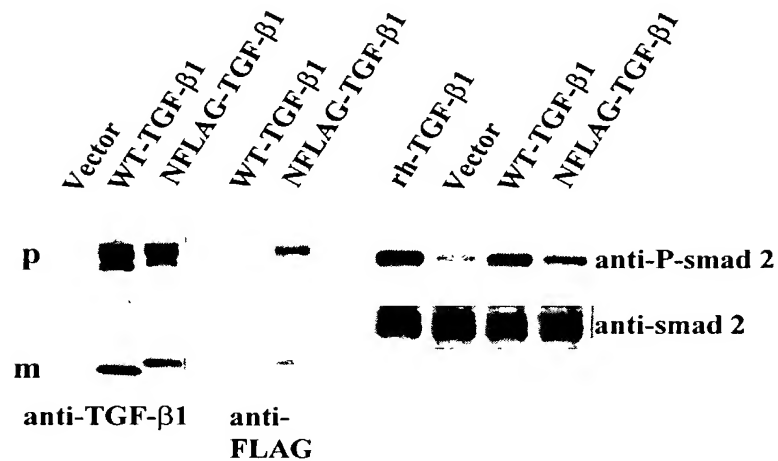


FIG 6C

```

Q H L H S S R H R R ↓ A L D T N D Y
2601 CAGCACCTGC ACAGCTCCCG GCACCGCGA GCCCTGGATA CCAACGACTA
                GTCGTGGACG TGTGAGGGC CGTGGCGGCT CGGGACCTAT GGTTCGTGAT
                K D D D D K A L D T N Y C F S S
2651 CAAGGATGAC GACGACAAGG CCCTGGATAC CAACTACTGC TTCAGCTCCA
                GTTCCTACTG CTGCTGTTCG GGGACCTATG GTTGATGACG AAGTCGAGGT
    
```

```

Q H L H S S R H R R ↓ A L D T N S Y
2601 CAGCACCTGC ACAGCTCCCG GCACCGCGA GCCCTGGATA CCAACGACTA
                GTCGTGGACG TGTGAGGGC CGTGGCGGCT CGGGACCTAT GGTTCGTGAT
                P Y D V P D Y A S L A L D T N Y
2651 CCCATACGAC GTGCCAGACT ACGATCTCT GGCCTGGAT ACCAACTACT
                GGGTATGCTG CACGGTCTGA TGCGTAGAGA CCGGGACCTA TGGTTGATGA
    
```

FIG 6D

